### Organic Chemistry ISU,

| Item | Topic   | Page<br>Numbers | Group Members         |
|------|---|-----------------|-----------------------|
| 1a   | <ul><li>Functional Groups</li><li>Hydrocarbons</li><li>Alkanes</li></ul>  | 6-16            | Dami O.               |
| 1b   | <ul><li>Alkenes</li><li>Alkynes</li><li>Aromatic Hydrocarbons</li></ul>   | 18-24           | Hilary C              |
| 1c   | <ul> <li>Reactions of<br/>Hydrocarbons (addition,<br/>elimination, substitution,<br/>reduction, oxidation,<br/>condensation, hydrolysis)</li> </ul> | 23-30           | Doha A. Addy L.       |
| 2    | • Alcohols<br>• Ethers  | 32-39           | Angela C Maddy R.     |
| 3    | <ul><li>Aldehydes</li><li>Ketones</li></ul>   | 40-46           | Noah G.  Darya S.     |
| 4    | <ul><li>Carboxylic Acids</li><li>Esters</li><li>Fats</li></ul>  | 47-54           | Elika M<br>Ethan S.   |
| 5    | • Amines<br>• Amides  | 56-62           | Aafaq M<br>Natalie T. |
| 6    | Synthetic Addition     Polymers   | 84-92           | Melany W. Rhys W.     |

### The suggested areas of emphasis:

- 1. General Formulae
- 2. Functional Groups (if applicable)
- 3. Nomenclature
- 4. Physical Properties
- 5. Reactions Associated with Compounds
- 6. Methods of Preparation
- 7. Uses
- 8. Molecular Model
- 9. Class Handout (that summarizes your presentation
- 10. Oral Presentation

# **Project Evaluation**

| Presenters:  |  |  |
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| rieseilleis. |  |  |

|   |                                  | Category | Max Score | Earned | Comments |
|---|----------------------------------|----------|-----------|--------|----------|
| 1 | Evidence of Adequate Preparation | [C]      | 5         |        |          |
| 2 | Handout                          | [C]      | 10        |        |          |
| 3 | Use of Resources                 | [C]      | 5         |        |          |
| 4 | Voice Control                    | [C]      | 5         |        |          |
| 5 | Class Involvement                | [T]      | 5         |        |          |
| 6 | Questions                        | [T]      | 10        |        |          |
| 7 | Adequate Use of Time             | [C]      | 5         |        |          |
| 8 | Group Coordination               | [C]      | 5         |        |          |
| 9 | Extent of my Learning            | [T]      | 10        |        |          |
|   | TOTAL                            |          | 60        |        |          |

# **Project Evaluation**

| <b>Presenters:</b> |  |  |
|--------------------|--|--|
|                    |  |  |

|   |                                  | Category | Max Score | Earned | Comments |
|---|----------------------------------|----------|-----------|--------|----------|
| 1 | Evidence of Adequate Preparation | [C]      | 5         |        |          |
| 2 | Handout                          | [C]      | 10        |        |          |
| 3 | Use of Resources                 | [C]      | 5         |        |          |
| 4 | Voice Control                    | [C]      | 5         |        |          |
| 5 | Class Involvement                | [T]      | 5         |        |          |
| 6 | Questions                        | [T]      | 10        |        |          |
| 7 | Adequate Use of Time             | [C]      | 5         |        |          |
| 8 | Group Coordination               | [C]      | 5         |        |          |
| 9 | Extent of my Learning            | [T]      | 10        |        |          |
|   | TOTAL                            |          | 60        |        |          |

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| 3 | Use of Resources                 | [C]      | 5         |        |          |
| 4 | Voice Control                    | [C]      | 5         |        |          |
| 5 | Class Involvement                | [T]      | 5         |        |          |
| 6 | Questions                        | [T]      | 10        |        |          |
| 7 | Adequate Use of Time             | [C]      | 5         |        |          |
| 8 | Group Coordination               | [C]      | 5         |        |          |
| 9 | Extent of my Learning            | [T]      | 10        |        |          |
|   | TOTAL                            |          | 60        |        |          |